Welcome to our new graduate students and postdocs that have joined the department in 2022. The graduate experience is exactly what YOU make of it. Please get involved in departmental activities and ensure your voice is heard and included. Thanks to our active and productive graduate student reps (Reem Sabry and Gabby Burdette) and peer helpers (Keeley Schwann, Ola Davis and Narman Mortagy), graduate students in Biomed continue to make significant improvements to the way we work and contribute to departmental functions.

You could not have chosen a better department to start or continue your journey in academia! I wish you all the best in success and productivity. Welcome!
Dr. Pavneesh Madan receives the coveted Honorary Class President from the DVM Class of 2025 (Orca's), (The shades were worn because of an eye irritation btw). Pavneesh is now a "two-time" recipient of this honour, and he joins other multi-year recipients of this award Drs. Roman Poterski and Brad Hanna, as well as Sarah LePage and Matthew Vickaryous as former H.Prezes.

Congrats Pavneesh (again)!
The Martino lab attended the International Society for Heart Research (ISHR) – North American Section in Winnipeg Canada.  

Janan Shoja-Doost (PhD student) gave a poster presentation, posing here with Dr. Tami Martino (PI) and Dr. Cristine Reitz (Biomed PhD grad ‘20 Martino lab) as well as Martino lab RA, Dr. Reza Fatemi

Congrats also to Dr. Tami Martino on a new CIHR grant on nanoparticles for treatment of heart disease, in collaboration with Dr. Suuronen (PI) at the University of Ottawa.

Dr. Tami Martino giving an invited talk on Circadian Medicine for treatment of Cardiovascular Disease. Session Chair was Dr. Glen Pyle.

Reza, Tami and colleagues at ISHR poster session.
Alex Rankovic (supervised by Drs. Adronie Verbrugghe and Gordon Kirby) attended the ESVCN conference in Switzerland last week and won the Purina Award for the Best Oral Cat Presentation for her PhD research.
Dr. Alicia Villoria-Petit an named an "Iron-Willed Women" in STEM!

Congratulations to Dr. Alicia Villoria-Petit who was featured in the Guelph's Museums exhibition of Women in STEM on display at the GUELPH CIVIC MUSEUM.

Drs. Amy Greer and Heather Murphy were also included as part of the OVC contingent and Melissa Perreault was listed under CBS.

Congrats Alicia!
Dr. Giannina Descalzi will receive $130,000 from the Canadian Foundation for Innovation's John Evan's Leaders Fund to study the mechanisms that cause acute pain to become persistent chronic pain.

Chronic pain changes the activity within brain regions involved in emotion. Using animal models, Descalzi will track changes across this pain–emotion brain circuit as acute pain transitions to chronic pain and will investigate the molecular causes.

To precisely control, monitor, and record the electrical activity of neural circuits, she will use an integrated calcium imaging and optogenetics system along with molecular techniques.

Improved understanding of the molecular, cellular and circuit basis of chronic pain will help lead to better treatment for humans and animals.

Congrats Giannina!
Dr. Jon LaMarre invited Dr. Quinton Winger, Associate Professor, Dept of Biomedical Sciences at Colorado State University to give a talk entitled "Investigating Placental Function and fetal growth in sheep using RNAi". Quinton also met with faculty, staff and graduate students throughout the daylong visit.
Dr. Laura Favetta and lab braved hurricane Fiona and travelled to the Canadian Fertility and Andrology Society (CFAS) conference, at the Halifax Nova Scotia Convention Centre. PhD student Reem Sabry presented a poster, and PhD student Ola Davis presented two abstracts, one orally of her PhD results and one as a poster of a study collaborating with ONE Fertility clinic in Burlington. Also, Laura was awarded a SEED award to continue research in THC effects on male fertility.
Olivia Williams (PhD candidate) and Madeline Coppolino (MSc candidate, Perreault lab) participated in a proteomics course at the Neuroscience School of Advanced Studies in Venice, Italy!
Please find below a calendar of events in the department. We recommend you print it and put in your lab for all to see!

A brief description of the Halloween costume contest on Oct 31st: dress up with your lab and take a picture to send to the peer helpers!

[Image of October 2022 calendar]

**YOUR Grad Committee Reps**

**Biomed Grad Reps:** Reem Sabry & Gabby Burdette (rsabry@uoguelph.ca; gburdett@uoguelph.ca)

**Health & Safety:** Jude Frie (jfrie@uoguelph.ca)

**Neuro search Cmte:** Kate Nicholson (knicho04@uoguelph.ca)

**Peer helpers:** Narman Mortagy, Keeley Schwann & Ola Davis (nmortagy@uoguelph.ca; kshwann@uoguelph.ca; odavis@uoguelph.ca)

**EDI Committee:** Olivia Williams & Nikita McKnight (williamo@uoguelph.ca; nmcknigh@uoguelph.ca)

**Chair's Advisory Cmte:** Reem and Gabby

**Grad Program Cmte:** Reem and Gabby

*Please email member for office hours or to set up a meeting.*
OUR GRADUATES!

Congrats to all of you on your successful thesis defences!

Anna Canella, MSc
(Craig Bailey)

Anita Luu, PhD
(Alicia Viloria-Petit)

Chloe Graham, MSc
(Mathew Vickaryous)
NOTE FROM THE EDITOR

Please do not hesitate to knock on my door or contact me by email if you have ANY questions/concerns (tsaleh@uoguelph.ca)
Stay safe, stay well #biomedstrong

Tarek Saleh

HAVE A GREAT FALL